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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/828,977	04/21/2004	Hiroshi Kanto	9683/188	5406
27879 7590 10/17/2007 INDIANAPOLIS OFFICE 27879 BRINKS HOFER GILSON & LIONE ONE INDIANA SQUARE, SUITE 1600 INDIANAPOLIS, IN 46204-2033			EXAMINER FOX, BRYAN J	
			ART UNIT 2617	PAPER NUMBER
			NOTIFICATION DATE 10/17/2007	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentofficeactions@brinkshofer.com
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**Advisory Action
Before the Filing of an Appeal Brief**

Application No.

10/828,977

Applicant(s)

KANTO ET AL.

Examiner

Bryan J. Fox

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--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 18 September 2007 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:
- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
- b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
- Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
- (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ They raise the issue of new matter (see NOTE below);
- (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☐ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
- The status of the claim(s) is (or will be) as follows:
- Claim(s) allowed: _____.
- Claim(s) objected to: _____.
- Claim(s) rejected: _____.
- Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Attached.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____
13. ☐ Other: _____.

Bryan Fox

DETAILED ACTION

Response to Arguments

Applicant's arguments filed September 18, 2007 have been fully considered but they are not persuasive.

The Applicant argues Kransmo fails to disclose said mobile terminal sensing a change in location of said mobile terminal, and said mobile terminal, responsive to said change in location, checking said registration possibility information to confirm registration to said first mobile communication network is available. The Examiner respectfully disagrees. It is well known that in a cellular communication system a change in serving cells is correlated with a change in location. Kransmo discloses the MS takes measurements of the carrier channels such as signal strength, and also determines if the correct cell has been selected (see column 4, lines 20-29), fulfilling the claimed limitation of said mobile terminal sensing a change in location of said mobile terminal, and said mobile terminal, responsive to said change in location, checking said registration possibility information to confirm registration to said first mobile communication network is available.

The Applicant argues Lamb et al fails to disclose a mobile terminal transmitting a notification message to a management device in communication with both said first mobile communication network and said second mobile communication network, said notification message indicative that registration has been successfully changed to said first mobile communication network. The Examiner respectfully disagrees. Lamb et al disclose a universal location service register that has access to a database that stores

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information about subscribers to the networks serviced by the ULSR, where the information in the database enables the ULSR to provide mobility management and authentication functions for all networks that the ULSR supports. When a terminal roams, it sends a registration request to the new network, and the MSC in the new network notifies the ULSR that the mobile phone has requested registration. If the terminal is authorized, the ULSR updates the database to reflect that the terminal is currently registered in the new network (see column 4, line 33 – column 5, line 12), fulfilling the claimed limitations because the communication between the MSC and the ULSR was initiated by the mobile terminal's registration.

The Applicant argues Lamb et al fails to disclose transmitting a mobile terminal identifier and location information of said mobile terminal to said location management device, and transmitting a notification message comprises transmitting a terminal identifier of said mobile terminal and a control code to activate said first mobile communication network. The Examiner respectfully disagrees. Lamb et al disclose a universal location service register that has access to a database that stores information about subscribers to the networks serviced by the ULSR, where the information in the database enables the ULSR to provide mobility management and authentication functions for all networks that the ULSR supports. When a terminal roams, it sends a registration request to the new network, and the MSC in the new network notifies the ULSR that the mobile phone has requested registration. If the terminal is authorized, the ULSR updates the database to reflect that the terminal is currently registered in the new network (see column 4, line 33 – column 5, line 12), wherein the location

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information is the roaming registration request and the authorization functions read on the control code to activate the first mobile communication network.

The Applicant argues Kransmo fails to disclose receiving, with said mobile terminal over said second mobile communication network, registration possibility information comprises storing said registration possibility information in a memory included in said mobile terminal, and checking said registration possibility information comprises accessing said stored registration possibility information in said memory.

The Examiner respectfully disagrees. Kransmo discloses the control channel information is provided regarding a 2G communication system within a downlink control channel of the 3G communication system to the wireless terminal (see Kransmo column 5, lines 21-36) and the MS takes measurements of the carrier channels such as signal strength, and also determines if the correct cell has been selected (see Kransmo column 4, lines 20-29), fulfilling the claimed limitations wherein any information received by the mobile terminal is stored in the device for at least a small amount of time and read.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bryan J. Fox whose telephone number is (571) 272-7908. The examiner can normally be reached on Monday through Friday 9am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles N. Appiah can be reached on (571) 272-7904. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Bryan Fox



CHARLES N. APPIAH
SUPERVISORY PATENT EXAMINER